

Notice of Allowability

Application No.

10/822,370

Examiner

Tekchand Saidha

Applicant(s)

SHANKLIN ET AL.

Art Unit

1652

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/21/07.
2. ☒ The allowed claim(s) is/are 1-10 and 54-62.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date ____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

Notice of Allowability

1. Applicants' amendment & response filed 9/21/2007 is acknowledged. The terminal disclaimer filed on 9/21/2007 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of US patent 5,705,391 & 6,100,091 has been reviewed and is accepted. The terminal disclaimer has been recorded.
2. Claims 1-10 & 54-62 are present in this application. All prior rejections are hereby withdrawn in view of Applicants' amendment as well as Examiner's claim amendments presented here.
3. Claims 1-10 & 54-62 are allowed, subject to the following Examiner's Amendment.
4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Christine L. Brakel, Applicants' representative, on October 9, 2007.

Amend claims as follows:

Claim 54(a), line 8, after '188', delete 'all of SEQ ID NO: 1', and – replace with 'wherein all positions correspond to the sequence of SEQ ID NO: 1'.

Claim 54(b), line 12, after '188', delete 'all of SEQ ID NO: 1', and – replace with 'wherein all positions correspond to the sequence of SEQ ID NO: 1'.

Claim 54(c), lines 15-16, after '188', delete 'all of SEQ ID NO: 1', and – replace with 'wherein all positions correspond to the sequence of SEQ ID NO: 1'.

Claim 54(d), line 18, after '188', delete 'each of SEQ ID NO: 1', and – replace with 'wherein all positions correspond to the sequence of SEQ ID NO: 1'.

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Claim 54(e), line 20, after '188', delete 'each of SEQ ID NO: 1', and – replace with 'wherein all positions correspond to the sequence of SEQ ID NO: 1'.

Claim 56, line 1, delete 'A cell' and replace with 'An isolated cell'.

5. The following is an examiner's statement of reasons for allowance:

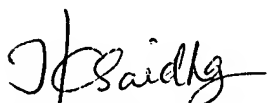
The claims are allowable for amendment cited above and reasons of record.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tekchand Saidha whose telephone number is (571) 272 0940. The examiner can normally be reached on 8.30 am - 5.00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ponnathapu Achutamurthy can be reached on (571) 272 0928. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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October 9, 2007